## THE UNIVERSITY OF ROCHESTER

A Brief History of its Organization and Description of its Build-Ings and Gourses.

## FOUR-YEAR SCHOLARSHIP AS A SPECIAL REWARD

What The Tribune Offers in Its Great Educational Contest-One of the Successful Contestants Will Have Tuition and Incidental Expenses Pan in the University of Rochester for Four Years-The University's Fine Campus and Many Beautiful Buildings - Extensive Library Facilities-How the Contest Now Stands-Teday Will Close the First Month-The Contestant Who Has the Largest Number of Points to His or Her Credit by Five O'clock This Evening Will Receive a Gold Watch-This Is Entirely Additional to the Main Contest Which Closes Oct. 25-Now Is a Good Time to Begin.

THE TRIBUNE'S great Educational Contest there are many very attractive scholarships offered, and one of the most important of these is the University of Rochester. A conract has been signed with the university to furnish some young man, to be signated by The Tribune, with tultion nd incidental expenses for four years, and this scholarship is to be presented to some one of the contestants in this great contest, which still has five months

to run. The student designated by The Tribune will have the privilege f selecting any regular four-year course in the university, and The Tribune will pay his tuition and incidental charges for four years, amounting in all to \$324. He will only be required to pass the regular examinations, just the same as any other student, and, like other students, must maintain an average standing of not

less than 80 per cent.
.The description which is published herewith will no doubt be read with a great deal of interest by the contestants in The Tribune's contest, as it gives some idea of the magnitude of what is offered for the work of spare hours during the next few months

## UNIVERSITY OF ROCHESTER.

Its Organization and History.

The University of Rochester opened ing to the last annual report, 37,202 vol-its doors for students in the autumn of jumes, in addition to several thousand college. Although selected chiefly with 1850, and gave instruction in that year pamphlets belonging to the Rochester reference to the requirements of theoto seventy-one young men by means of Academy of Science. Provision is made legical students, this library contains a faculty of eight professors and instructors. Its first class of ten men fund established by the late General ly in the departments of philosophy and was graduated in July, 1851. The idea John F. Rathbone, of Albany, for many history, which render it a valuable auxof establishing a college in Rochester

expressed a conviction that such an in-

body in this centre of a large and grow-

by citizens of Rochester, and financial

sistance was pledged to it by leading

en, irrespective of creed. It was not

intil January 31, 1850, however, that

dans were sufficiently perfect to secure

from the Regents of the State of New

York a provisional charter. On compli

ance with certain conditions named in

Feb. 14, 1851, granted the permanent

charter under which the college is at

present organized. This charter is in

Columbia College in the city of New

York, and invests the corporation "with

all the privileges and powers conceded

to any college in this state, pursuant

to the provisions of the sixth section of

the statute entitled 'An Act relative to

The name adopted by the founders

and incorporated in the charter is The Iniversity of Rochester; from its foun-

dation, however, both trustees and

which is proper to an American college.

s such a college Rochester aims to

ather than a special training: it has

of organized a graduate faculty, nor of it offer courses for the degree of stor of philosophy. The master's de-

e is granted only in recognition of eific work done under the direction

the faculty, tested by a thesis and

to its students a liberal culture

the University,' passed April 5, 1813."

population. The project was em-

ically endorsed in the same year

equally with the men. It is the purpose of the college to maintain for young men all the advantages which were offered them prior to 1900, while extending its ministries to a new class of students, for whom it will aim to secure the fullest opportunity for self-development in connection with the educational privileges they share in comnon with the men.

The Buildings and Grounds.

The University occupies a campus of wenty-four acres, situated in one of the most desirable parts of the city, on the line of an electric railway connecting with other lines radiating in every The grounds constitute a beautiful private park, affording ample accommodations for every kind of field

Anderson Hall, the oldest of the buildings, was completed in 1861. In it are the chapel, lecture room, the physical and biological laboratories, and professors' offices.

Sibley Hall, erected in 1872 by Hiram Sibley, contains the library, the museums and the geological lecture room and laboratory.
The Reynolds Memorial Laboratory

was built in 1886 for the department of chemistry by Mortimer F. Reynolds as a memorial to his brother, William A. Reynolds, a trustee of the university. The Alumni Gymnasium, a new buildng provided by the liberality of the alumni, was opened for use in 1900. It

Library Facilities.

years a vice-president of the trustees.

Both in the selection of books and in

preme regard is given to the wants of

the several departments of instruction

in the college. In addition to this spe-

and Italian, as well as in English.



of consulting any books possessed by ventilated and are provided with gas extensive travel in execution of a plan

he library, is opened to the general and water. They comprise a large lec- to create a complete museum of geology

public in accordance with the wish of ture room and general laboratory, a for use in teaching. The material thus

Anderson Hall.

nishing every facility for physical hours are from 8.30 a. m. to 5.30 p. m. furnishes accommodations for sixty stu-Sundays and legal holidays.

The library is located in the building. The library of the Rochester Theo-

iliary to the instruction given in the

The Reynolds Library was estab-

Reynolds, as a free reference and cirulating library for the citizens of Ro-

volumes and is especially valuable on

account of the possession of a large number of standard works of reference.

t has complete sets of nearly all the

best American and English periodicals.

Its resources are constantly made use

The Central Library, which is under

of the city, contains about 40,000 vol-

umes. Among the works of this li-

brary, which are especially valuable as

ilds to collegiate study, are those con-

tained in the departments of ancient

and modern history, biography, general

The Law Library of the Court of Ap-

peals contains about 25,000 volumes.

This library is next to the largest pubic law library in the state of New York,

While it is intended to meet the special

many works which are useful to general

students in history and political science.

dents of the college in the libraries in

the city of Rochester nearly 180,000 vol-

The Laboratories.

The Reynolds Chemical Laboratory-

There are thus accessible to the stu-

eeds of the legal profession, it contains

science and English literature.

their courses of study.

The withdrawal of books, for home use, laboratory, and a work room where re- 1862 for the college, chiefly through the daily throughout the year, excepting dents working at one time.

thirty students and is provided with the provided for it by the Hon. Hiram Sib- logical Seminary contains about \$1,000 apparatus needed for the various lines of work, including microscopes, Abbo camera lucida, Thoma and Minot microtomes, paraffine baths, injecting apparatus, incubating oven, glassware, etc.; also a very complete set of the reagents and stains used in histology and embryelogy. For the work in physiology there has been provided a series of

clastic models (Auzoux), including a manikin, heart, eye, ear, brain, lungs, etc.; also a human skeleton and a number of osteological preparations, such as a skull entire, a skuli disarticulated (Beauchene), a vertebral column, thorax, upper and lower limbs. A collection of skeletons, illustrating all of the classes of vertebrates and nearly all of the orders of mammals, serves for work in comparative osteology. A complete set of Ziegler's wax models of the deelopment of Amphioxus and of the hick illustrate the work in embryology. Numerous standard and specially made charts and a department library facilitate the work of instruction.

The Bacteriological Laboratory adjoins that of General Biology on the hird floor of Anderson Hall. It occupies two rooms and furnishes accommodations for six students working together. It is provided with gas and water, and with the apparatus and reagents necessary for the practical study plete set of stains, paraffine and water country. baths, microtomes and microscopes. The systematic collection in mineralcompletely equipped for bacteriological

lished through the generosity of M. F. shelved in one of the rooms. The Botanical Laboratory was opened | lections. hester. It contains more than 45,000 laboratory. A very full collection of laboratory material is provided for work in general Morphology and stuches and stuches and stuches and stuches are 150 specimens from Vesuvius, 180 from Tissue and Stuches are 150 specimens from Mt. Bianc. 120 from the of by the students of the college for the investigation of subjects connected with the control of the Board of Education

for work in plant physiology. The Physical Laboratory-The Department of Physics occupies seven during 1899, the nucleus being the materooms upon two floors and in the base- tiat already persessed by the college, ment of Anderson Hall. They are fur- and the vertebrates gathered by Prof. nished with gas, water, vacuum and Henry A. Ward during a South Ameripressure pipes, and power by means of can journey in 1889. electric motors. The second floor contains the general laboratory, a room Courses of Study for Bachelor's Dedevoted to optics and photography, including dark rooms and the instructor's the basement is the shop, furnished dents for further pursuit of special essary for them to ascertain from their chinery and tools essential in the con- of the learned professions. The courses general and special, in German, French work, All the rooms are spacious and struction and repair of apparatus.

well lighted. In the basement are the for mounting galvanometers, and is of election of studies. leading to a central switchboard renders the current from dynamos and storage batteries available in every room. Adjacent is a room designed for investigation. It is the policy of the ollege to offer to the student every facility for advancement in the science of physics, and in conformity with this policy such standard instruments as are equired by students interested in special lines of investigation are added to he department as needed.

A telescope, mounted equatorially on stone pier, is located in a building erected for that purpose. This instrument, which was made by Clark, has a six-inch object glass, and is provided with right ascension and declination circles. It is designed only as an adjunct to instruction, though sufficiently powerful for purposes of investigation.

The Department of Geology occupies he second floor of Sibley Hall. The main hall is devoted to the geological museum. The laboratory is temporarily located in the geological lecture room n the tower, adjacent and convenient o the museum and cabinets. Facilities are provided for the studies of minerals and rocks in their physical properties. A large collection of lantern views, photographs and proofs illustrates physical and structural geology. Material is at hand for special work in paleontology and in phenomenal and eco-

nomic geology. Museums and Cabinets. ca, including about 40,000 specimens,

s fully equipped with apparatus and however, is necessarily restricted to agents, anatomical material, etc., may generosity of the citizens of Rochester, baths, including a swimming pool, fur- members of the college. The library be prepared. This suite of laboratories At that time it was the largest and choicest geological collection in Ameri-The General Laboratory will seat handsomely mounted and labelled. The Ward collections have been supplemented by gifts from various classes

ment, are entitled to receive the Col-In the centre of this reading room the chemical cabinet, the optical room, geological museum consists chiefly of current periodicals are filed. The librarian gives instruction to all new
students in the use of books and the
consultation of this library.

The reading room, with the privilege
The photographic laboratory and wardrobe.
The Blological Laboratories—The Department of Blology occupies seven
rooms on the third floor of Anderson
The reading room, with the privilege
The photographic laboratory and wardrobe.
The Blological Laboratories—The Department of Blology occupies seven
rooms on the third floor of Anderson
The reading room, with the privilege
The photographic laboratory and wardrobe.
The Blological Laboratories—The Department of Blology occupies seven
rooms on the third floor of Anderson
The reading room, with the privilege laboratory and wardrobe.
The Blological Laboratories—The Department of Blology occupies seven
rooms on the third floor of Anderson
The reading room, with the privilege laboratories—The Department of Blology occupies seven
rooms on the third floor of Anderson
The reading room, with the privilege laboratories—The Department of Blology occupies seven
rooms on the third floor of Anderson
The reading room, with the privilege laboratory and wardrobe.
The Blological Laboratories—The Department of Blology occupies seven
rooms on the third floor of Anderson
The reading room, with the privilege laboratory and wardrobe.
The photographic laboratories—The Department of Blology occupies seven
rooms on the third floor of Anderson
The reading room, with the privilege laboratories—The Department of Blology occupies seven
rooms on the third floor of Anderson
The reading room, with the privilege laboratories—The Department of Blology occupies seven
rooms on the third floor of Anderson
The reading room, with the privilege laboratories—The Department of Blology occupies seven
rooms on the third floor of Anderson lege Graduate Professional Certificate without examination.

Expenses.

The university has no dormitories, Several of the chapter houses of the freck-letter fraternities, however, are ocated close to the campus. These furnish accommodation for many of their members. Students also find comfortible homes with families residing within a few minutes' walk of the university, in the most attractive quarter of the city. The janitor will furnish all necessary information respecting rooms and boarding.

A limited number of students are given the opportunity of paying their tuition by means of services in the library or in the laboratories or in other departments of the college. A large number of students find profitable employment in the city in teaching private pupils, and in various other occupations, hus enabling them to provide, in considerable part, for the expenses of their education. Students who have practical acquaintance with any of the useful arts are generally able to procure remunerative employment in the city.

The Tribune's Offer.

The Tribune offers one scholarship in he University of Rochester good for the period of four years, to the young man who by virtue of his position at the close of the contest is entitled to the choice of it. This scholarship covers the expenses of tultion for the full four years and incidental expenses, which includes the gymnasium fee.

## **CLOSING DAY OF** THE FIRST MONTH

Oscar H. Kipp, of Elmhurst, a. New Contestant, Starts Well Up in the List.

Today closes the first month of The Tribune's Educational Contest, and the contestant who scores the most points



Reynolds Chemical Laboratory.

of bacteria, including steam and hot and individuals and by subsequent pur- before 5 o'clock this afternoon will reair sterilizers, autoclave, incubating chases, and the college has today one ceive a gold watch as a "special honor ovens, chemical glassware, a very com- of the best geological museums in the prize." Tals will have no effect upon his chances in the main contest, which

ogy contains a great majority of the work, among them a large Zeiss stand mineral species now recognized. These er "special honor prizes" which are to there no remedy? Whether the phewith apochromatic objectives and com- are represented by about 5,000 choice be offered each month. pensating oculars, etc. Facilities for specimens. The specimens are largely making inoculation experiments will be from European localities. Crystallegprovided. A departmental library is raphy and economic and phenomenal geology are illustrated by special ecl-

in the autumn of 1900. Its windows The collection of rocks, about 3,000 in open to the south, east and west, thus number, was collected by Professor insuring good light at all hours of the day. There is ample room for eighteen rocks were first described. In addition students at a time, besides preparation to the specimens exhibited in the cases tables, lockers and apparatus cases. A there are in the drawers special collecdepartmental library is shelved in the tions representing the geology of chardents in advanced Morphology are pro- Parls Basin, 89 from Saxony, 200 from vided with microtomes, paraffine oven central France, and several hundred and all necessary reagents. The labora-collected by the State Geological Surtory has a full equipment of appartus vey, representing the New York strata. The Zoological Collection, on the third floor of Sibley Hall, was established

grees.

Three courses of study, each extendoffice. On the first floor, convenient to ing through four years, are open to stuthe appartus cases, is the lecture room, dents of this college: The Classical furnished with gas, water and electric Course, leading to the degree of Bachcurrent at the lecture table, pressure elor of Arts; the Philosophical Course, and vacuum pipes, and a stone pier, leading to the degree of Bachelor of offering opportunity for mounting the Philosophy; and the Scientific Course. more sensitive instruments of precision, leading to the degree of Bachelor of Conveniently placed are are light pro- Science. These undergraduate courses jection lanterns, of value in the work aim to furnish a liberal education, by not postmarked as soon as they are of illustration and demonstration. In means of work which shall fit the stu- placed in the office, and it will be necwith power and equipped with ma- study should they choose to enter any seek to give that breadth of culture The Dynamo Laboratory, also in the which is secured by the combination of must be sure that the letter will start basement, is supplied with stone piers prescribed work with a large freedom for Scranton Saturday evening, as The

has nearly five months yet to run, and they dispense entirely with thrift and

As was stated yesterday morning,

Standing of Contestants

A. J. Kellerman, Scranton. 207 2. Charles Burns, Vandling. 154 3. Wm. T. S. Rodriguez, 7. Harry Madden, Scranton. 55

8. Wm. Sherwood, Harford. . 54 9. Homer Kresge, Hyde Park 41 10. Grant M. Decker, Hall-12. William Cooper, Priceburg 34 13. Oscar H. Kipp, Elmhurst. 33 14. A. J. Havenstrite, Mos-15. Harry Danvers, Provi-

Place ....... 20 17. Miss Beatrice Harpur, Thompson . . . . . . 18
18. Lee Culver, Springville . . 17
19. Walter Hallstead, Scran-20. C. J. Clark, Peckville ... 15 21. John Dempsey, Olyphant. 13 22. John Mackie, Providence. 13

27. Chas. O'Boyle, Scranton... 28. Miss Nellie Avery, Forest

29. Walter Ellis, Hyde Park. 30. Edgar Wilson, jr., Scran-31. R. D. Dorsey, Scranton... 33. ....

On Monday the contest will begin its second month, and a valuable "special honor prize" will be offered to the contestant who scores the largest number of points before July 1. Thus every contestant will have an equal chance, whether he started at the beginning or will begin Monday. This makes it an exceptionally good time for new contestants to begin. Send your name and address to the Contest Editor today and you will receive full instructions and a ook of subscription blanks, and be fully prepared to begin work with the others. Full particulars of the contest will be found on the fourth page of this

The following ten additional entries were received during Thursday and

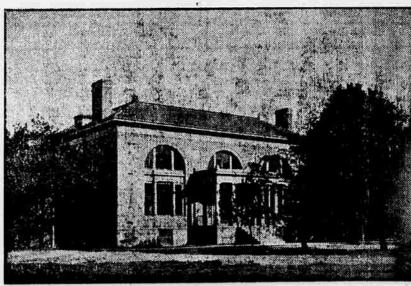
John F Brennan, Minooka, Pa. Miss Jane Mathewson, Factoryville,

Benjamin Hunter, jr., Chinchilla, Pa., Miss May Brown, Nicholson, Pa., Elmer Williams, Elmhurst, Pa. Miss Vivian Mikle, 617 Adams avenue Don C. Capwell, 221 Webster avenue Alfred E. Swayer, Honesdale. Mary Kelly, Honesdale, Edna C. Brown, Hopbottom,

THE MEAT PROBLEM.

It Can Be Solved by Not Eating Too Much.

When the price of meat soars to such an altitude that it is practically beyond the reach of the masses, unless will not prevent his trying for the oth- go in for reckless extravagance, is nomenal soaring be the result of natural or artificial causes, or a combina-



Gymnasium.

contestants who reside outside of tion of the two, is there not a way Scranton will receive credit for all by which the price can be reduced and points mailed in letters bearing post- held permanently at a lower level? The marks of 5 p. m. or earlier. These contestants should bear in things, however. First, that letters are postmaster just when they must be posted in order to insure their being marked within that hour. Second, they Tribune will be unable to wait longer equipped with the essential appartus for | The college aims to furnish a liberal than 5 o'clock Sunday afternoon for the experimental work of electrical ma- education rather than to train special- these letters to arrive. If not received chinery. A complete system of wiring ists. It is widely acknowledged that a before 5 o'clock Sunday afternoon, the general culture offers the hest basis of table giving the "Standing of Contes-

casiest, simplest, and surest way to cheapen the market price of any commind two modity is to diminish consumption of it. Cannot this method be adopted with meat? Can it not be adopted without injury to health or any deterioration of physique? There are many authorities who an-

swer that question with a hearty, re-sonant "yes." We do not refer especially to the vegetarians, although their testimony, resulting from experience, is well worthy of consideration. Outside of their ranks, among physicians and laymen in every occupation and of no occupation, there is a widely prevalent belief that Americans eat too nuch meet, too much for both physical and mental welfare, and that, therefore, a material reduction of bodily health and intellectual achievement. Cut down the daily consumption of meat twenty to thirty per cent., and hold it there, and the prices would come down and stay down. Half of the people on this globe sub-

sist almost exclusively on rice and fish. Half of the other half eat meat not more than twice a week. The cereals, vegetables and fruits furnish an endless variety of food. As to fish, it would be easily practicable to indefinitely increase the supply. Wherever there is pure water, fish can be propagated. There are hundreds of thousands of farms in the United States on which fish could be propagated at small cost. The possibilities of fish production, notwithstanding the wise and well-directed labors of national and state commissions, have scarcely been entered upon.

Jaceb A. Rils (on President Roosevelt.)—"His career is pregnant with a message to us all, ispecially to the young men. Starting out with his indomitable will and his healthy belief in his fellows and in his fied he mastered every problem, he met. He is emphatically the young men's president, the type and hero of the doers, of those who hold the future in their hands. Surely this is God's country, that can lose a William McKinley and have a Theodore Roosevelt to step into his shoes."



The Plunge.

The curriculum is so arranged, the gold watch. however, that students who wish to do so may gain the bachelor's degrees by sional work.

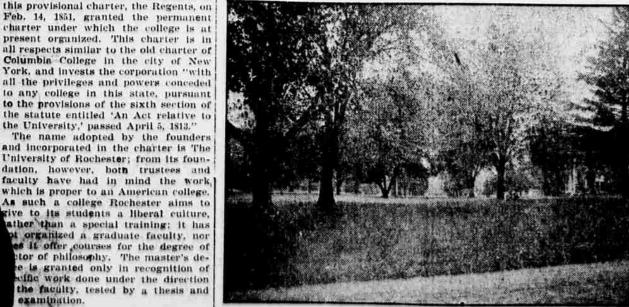
A Teacher's Training Department, apwho desire to fit themselves for teach-Ward Geological Collections-The the courses prescribed for this depart- ued at \$600 or more.



Interior Gymnasium

broad knowledge and discipline on tants" will be made up, and whoever which to build a thorough special train- is at the head of the list will receive Although yesterday was a holiday it did not prevent contestants from bring-

the election of many studies which con- ing in points. The most notable event tribute directly to their later profes- of the day was a return of thirty-three points by Oscar H. Kipp, of Elinhurst who starts this morning in thirteenth proved by the Superintendent of Pub- place, but four points behind tenth Instruction of the state of This is a most excellent start, and York, has been established shows how a few subscribers places a in the college for the benefit of those new contestant well up in the table. A contestant in tenth place, if able to ing in the public schools. Students maintain that position until the close, who, upon graduation, have completed would be in line for a scholarship val-



cial literature, the library is supplied The Department of Chemistry occupies

with a good collection of works of gen- the Reynolds Memorial Laboratory,

eral reference, and with flies of a large which was specially planned to combine

number of the best periodicals, both the best possible facilities for chemical

Sibley Hbll-The Library.

ley, of Rochester. It contains, accord- volumes, which by courtesy are placed

for the increase of the library by a a very large number of works, especial-

college.

A New Departure. The Campus.

originated as early as 1847, when many The income from the Rathbone fund is

friends of Christian education among annually supplemented by an appro-

stitution should be established by that the classification of the library, su-

the Baptists of the state of New York priation from the general fund.

or the first fifty years of its life the niversity of Rochester was a college ir young men. In 1900 the trustees admitted women to the classes "on the same terms and conditions as men, having been obtained by a committee of Rachester women to secure this end.

ing, and access to these books is grant- qualitative laboratory with accommoed on application to the attendant at dations for forty students, the quantibooks are arranged on shelves immediately accessible to all readers. The centroom, store room, wardrobe, and profes-All the opportunities and privileges of instruction in class room, lecture, and with reading tables and constitute a second story contains the chemical lecture are open to the women spacious and well-lighted reading room. Ture room, the apparatus room, the

The main library is shelved in stacks assaying laboratory, shop and storage separated from the main hall by a rail-room. The first story contains the subscriptions to the amount of \$50,000 the charging desk. The reference tative laboratory with room for twenty